



# Manufacturers' Shipments, Inventories, and Orders

February 1987

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U.S. Department of Commerce  
BUREAU OF THE CENSUS

For Wire Transmission 10:00 a.m. E.S.T. Tuesday, March 31, 1987

(All figures in text are in seasonally adjusted current dollars)

The data presented in this report are consistent with the revised data for 1982-1986 released March 23, 1987 by the Bureau of the Census. These revisions reflect benchmarking of shipments and inventories for 1982-1985, redefinition of inventories, adjustment to unfilled orders levels, recalculation of new orders and updating of seasonal adjustment factors. Beginning with this report, new standards for seasonal adjustment are being implemented. As a result, a number of series are no longer being adjusted; for these series, the unadjusted data are included in both the adjusted and unadjusted totals. Also, effective with this publication, we have begun concurrent seasonal adjustment of the data.

**SUMMARY.** New orders for manufactured goods in February increased \$8.0 billion or 4.3 percent to \$194.6 billion, offsetting most of the revised 5.3 percent decline in January. Orders have been very volatile the last 3 months, averaging \$192.8 billion per month.

February shipments were up \$5.8 billion or 3.0 percent to \$195.7 billion, following a January decline of 3.9 percent and a December increase of 3.8 percent. The average for the 3 months is \$194.5 billion, 0.9 percent above orders for the period.

Unfilled orders held by manufacturers declined \$1.1 billion or 0.3 percent to \$369.4 billion, the third consecutive monthly decline. Unfilled orders have been generally declining since reaching a high in March 1986 of \$379.7 billion.

Manufacturers' inventories were down slightly in February to \$320.4 billion, after increasing in January 0.8 percent. The inventory to shipments ratio of February was 1.64 percent down from 1.69 percent in January.

**NEW ORDERS.** New orders for durable goods in February increased \$6.4 billion or 6.7 percent to \$101.9 billion, following a 9.8 percent decline in January. About half of the revision to the January data, which was originally estimated down 6.7 percent, resulted from the change in seasonal adjustment procedure, particularly in the defense capital goods series. Excluding defense, new orders for durable goods in February increased 4.6 percent, compared to the January decline of 7.6 percent.

Order increases were widespread in the durable goods industries, the largest occurring in transportation equipment, up \$3.0 billion or 12.5 percent to \$27.2 billion and primary metals, up \$0.9 billion or 12.7 percent to \$8.3 billion. New orders for nondurable goods were up \$1.6 billion or 1.8 percent to \$92.7 billion, where increases were also widespread. The largest gains were in tobacco, petroleum and rubber and plastics products.

**SHIPMENTS.** Shipments of both durable and nondurable were up in February. The increase in durable goods was \$4.1 billion or 4.1 percent to \$103.4 billion. Over half of the increase was in transportation equipment which was up \$2.3 billion or 8.9 percent to \$27.7 billion; motor vehicles and parts increased 9.1 percent following a 10.1 percent decline in January. Nearly all of the other major industry categories also increased in February.

Shipments of nondurable goods increased \$1.7 billion or 1.9 percent to \$92.4 billion. Increases were widespread with the largest in tobacco, petroleum and rubber and plastics products.

**UNFILLED ORDERS.** The decline in durable goods unfilled orders in February of \$1.4 billion was virtually all in defense capital goods. The defense orders backlog declined \$1.4 billion or 0.9 percent to \$157.6 billion. The backlog of defense orders reached a high in September of \$166.3 billion, declining 4 of the 5 months since then. Unfilled orders for nondefense capital goods were unchanged in February following 5 months of consecutive increases.

**INVENTORIES.** Inventories of durable goods in February decreased \$0.5 billion or 0.3 percent to \$208.5 billion. Primary metals showed the largest decline, down \$0.4 billion or 2.6 percent to \$16.8 billion. Inventories of nondurable goods increased \$0.2 billion or 0.2 percent to \$111.8 billion, with most of the increase in petroleum products.

**SCHEDULE RELEASE DATES.** The advance report on durable goods for March is scheduled for April 22, 1987, at 8:30 a.m. and the full report on April 30, 1987, at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502 or (301) 763-2512.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service-CENDATA™. The online version of the report can be read from a terminal screen, printed on- or off-line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

SIC Code	Industry	(Millions of dollars)													
		Seasonally adjusted							Not seasonally adjusted <sup>1</sup>						
		Monthly				Percent change			Monthly				Year to date		
		Feb. 1987P	Jan. 1987P	Dec. 1986	Feb. 1986P	Jan.- Feb.P	Dec.- Jan.P	Feb.- 87/86	Feb. 1987P	Jan. 1987P	Dec. 1986	Feb. 1986	1987P	1986	
	All manufacturing industries	195,742	189,956	197,707	188,620	+3.0	-3.9	+3.8	197,182	174,649	190,978	189,977	371,831	365,973	
	Manufacturing industries with unfilled orders.....	105,831	102,854	109,629	102,529	+2.9	-6.2	+3.2	106,250	93,330	108,480	102,990	199,580	195,058	
	Durable goods industries.....	103,384	99,318	106,739	99,084	+4.1	-7.0	+4.3	104,287	89,625	102,667	99,911	193,912	189,507	
	With unfilled orders.....	81,994	79,339	86,011	80,841	+3.3	-7.8	+1.4	82,343	71,317	85,284	81,245	153,660	152,999	
32	Stone, clay, and glass products.....	5,077	4,963	4,795	4,667	+2.3	+3.5	+8.8	4,753	4,297	4,149	4,367	9,050	8,616	
33	Primary metals.....	8,377	8,002	8,299	8,804	+4.7	-3.6	-4.9	8,712	7,647	7,442	9,142	16,359	17,684	
331	Blast furnaces, steel mills....	3,460	3,317	3,394	3,788	+4.3	-2.3	-8.7	3,633	3,240	3,108	3,968	6,873	7,740	
332	Iron and steel foundries.....	825	793	854	890	+4.0	-7.1	-7.3	840	747	689	905	1,587	1,743	
333-9	Nonferrous and other primary metals.....	4,092	3,892	4,051	4,126	+5.1	-3.9	-0.8	4,239	3,660	3,645	4,269	7,899	8,201	
34	Fabricated metal products.....	11,566	10,885	11,378	11,475	+6.3	-4.3	+0.8	11,546	10,030	10,255	11,499	21,575	21,975	
35	Machinery, except electrical....	16,863	16,729	17,664	17,379	+0.8	-5.3	-3.0	16,448	14,076	19,286	16,969	30,524	31,656	
351	Engines and turbines.....	1,092	1,030	1,780	1,146	+6.0	-42.1	-4.7	1,143	944	1,675	1,195	2,225		
353	Construction, mining, and material handling equipment..	1,999	1,845	2,154	2,464	+8.3	-14.3	-18.9	1,949	1,616	2,109	2,397	3,565	4,590	
354	Metalworking machinery.....	715	704	751	757	+1.6	-6.3	-5.5	719	589	756	762	1,308	1,391	
357	Office and computing machines..	4,554	4,547	4,876	4,579	+0.2	-6.7	-0.5	3,866	3,024	7,133	3,909	6,890	6,882	
36	Electrical machinery.....	17,837	17,673	18,148	16,542	+0.9	-2.6	+7.8	17,859	15,586	18,684	16,563	33,445	30,753	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	2,242	2,078	2,145	2,106	+7.9	-3.1	+6.5	2,225	1,826	2,232	2,100	4,051	3,954	
363	Household appliances.....	1,552	1,471	1,445	1,305	+5.5	+1.8	+18.9	1,518	1,367	1,241	1,278	2,885	2,501	
365	Radio and TV.....	1,029	1,139	1,124	980	-9.7	+1.3	+5.0	994	1,051	1,091	950	2,045	1,827	
366	Communication equipment.....	5,763	5,874	6,154	5,671	-1.9	-4.5	+1.6	5,759	4,837	6,984	5,653	10,596	10,188	
367	Electronic components.....	3,895	3,905	3,832	3,637	-0.3	+1.9	+7.1	3,977	3,611	3,579	3,714	7,588	6,940	
364,9	Other electrical machinery....	3,356	3,206	3,448	2,843	+4.7	-7.0	+18.0	3,386	2,894	3,557	2,868	6,280	5,343	
37	Transportation equipment.....	27,730	25,456	30,827	25,561	+8.9	-17.4	+8.5	29,300	24,426	28,206	26,958	53,726	51,569	
371	Motor vehicles and parts.....	18,241	16,712	18,594	16,182	+9.1	-10.1	+12.7	19,648	16,322	15,424	17,410	35,970	34,154	
372,6	Aircraft, missiles, and parts..	7,754	7,181	10,443	7,674	+8.0	-31.2	+1.0	7,917	6,567	10,974	7,841	14,484	14,218	
3731,95	Shipbuilding and military tank vehicles.....	881	651	1,079	901	+35.3	-39.7	-2.2	881	651	1,079	901	1,532	1,649	
38	Instruments and related products	5,139	4,956	5,209	4,965	+3.7	-4.9	+3.5	5,102	4,439	5,382	4,925	9,541	9,558	
381-4	Scientific and engineering instruments.....	3,389	3,282	3,456	3,297	+3.3	-5.0	+2.8	3,426	3,026	3,621	3,331	6,452	6,532	
386	Photographic goods.....	1,589	1,497	1,547	1,478	+6.1	-3.2	+7.5	1,514	1,279	1,594	1,403	2,793	2,667	
24,25, 39	All other durable goods.....	10,795	10,654	10,419	9,691	+1.3	+2.3	+11.4	10,567	9,124	9,263	9,488	19,691	17,696	
	Nondurable goods industries.....	92,358	90,638	90,968	89,536	+1.9	-0.4	+3.2	92,895	85,024	88,311	90,066	177,919	176,466	
	With unfilled orders.....	23,837	23,515	23,618	21,688	+1.4	-0.4	+9.9	23,907	22,013	23,196	21,745	45,920	42,059	
20	Food and kindred products.....	26,990	27,084	26,785	25,311	-0.3	+1.1	+6.6	26,975	25,019	26,804	25,309	51,994	49,323	
202	Dairy products.....	3,812	3,788	3,737	3,424	+0.6	+1.4	+11.3	3,766	3,624	3,620	3,385	7,390	6,632	
208	Beverages.....	3,629	3,699	3,751	3,632	-1.9	-1.4	-0.1	3,266	3,165	3,298	3,286	6,431	6,498	
203-6,9	All other foods.....	12,224	12,356	12,140	11,394	-1.1	+1.8	+7.3	12,737	11,214	12,587	11,880	23,951	22,767	
21	Tobacco products.....	1,303	782	2,095	1,380	+66.6	-62.7	-5.6	1,303	782	2,095	1,380	2,085	2,219	
22	Textile mill products.....	4,661	4,536	4,647	4,497	+2.8	-2.4	+3.6	4,629	3,926	4,395	4,472	8,555	8,461	
221-4,6, 8,9	Broadwoven fabrics.....	2,862	2,695	2,826	2,826	+6.2	-4.6	+1.3	2,876	2,423	2,837	2,841	5,299	5,406	
26	Paper and allied products.....	9,537	9,276	9,311	8,144	+2.8	-0.4	+17.1	9,854	8,983	8,829	8,406	18,837	16,241	
261-3,6	Pulp, paper etc.....	4,063	4,136	4,085	3,369	-1.8	+1.2	+20.6	4,188	3,936	3,956	3,475	8,124	6,619	
265	Paperboard containers.....	2,002	1,893	1,992	1,858	+5.8	-5.0	+7.8	2,024	1,849	1,792	1,875	3,873	3,682	
264	All other paper products.....	3,472	3,247	3,234	2,917	+6.9	+0.4	+19.0	3,642	3,198	3,081	3,056	6,840	5,940	
28	Chemicals and allied products..	17,269	17,191	16,793	16,668	+0.5	+2.4	+3.6	17,636	16,633	16,483	17,012	34,269	33,331	
281,6	Industrial chemicals, except pigments.....	4,920	4,908	4,778	4,756	+0.2	+2.7	+3.4	5,092	4,644	4,684	4,918	9,736	9,516	
283,4	Drugs, soaps, and toiletries....	6,106	6,131	5,949	5,674	-0.4	+3.1	+7.6	6,118	5,978	6,079	5,684	12,096	11,228	
282,9	Other chemical products.....	4,064	3,981	3,916	3,915	+2.1	+1.7	+3.8	4,255	3,772	3,807	4,099	8,027	7,855	
29	Petroleum and coal products.....	10,492	10,007	9,832	12,595	+4.8	+1.8	-16.7	10,214	9,768	9,688	12,336	19,982	26,575	
30	Rubber and plastics products....	6,672	6,314	6,136	6,016	+5.7	+2.9	+10.9	6,726	5,859	5,563	6,062	12,585	11,679	
23,27, 31	All other nondurable goods.....	15,434	15,448	15,369	14,925	-0.1	+0.5	+3.4	15,558	14,054	14,454	15,089	29,612	28,637	
	Market categories:														
	Home goods and apparel.....	12,879	13,164	13,166	12,648	-2.2	0.0	+1.8	13,154	11,327	11,048	12,947	24,481	23,798	
	Consumer staples.....	38,529	38,088	38,707	35,844	+1.2	-1.6	+7.5	38,353	35,342	39,040	35,691	73,695	69,048	
	Equipment and defense products, except automotive.....	30,287	29,740	33,237	30,540	+1.8	-10.5	-0.8	29,698	25,270	36,620	29,953	54,968	55,455	
	Automotive equipment.....	20,217	18,683	20,320	18,063	+8.2	-8.1	+11.9	21,489	18,149	16,979	19,160	39,638	37,699	
	Construction materials, supplies and intermediate products.....	16,415	15,531	15,097	14,570	+5.7	+2.9	+12.7	15,417	13,275	13,269	13,668	28,692	26,190	
	Other materials, supplies, and intermediate products.....	77,415	74,750	77,180	76,955	+3.6	-3.1	+0.6	79,071	71,286	74,022	78,558	150,357	153,783	
	Supplementary series: <sup>2</sup>														
	Capital goods industries.....	35,202	34,112	39,383	34,924	+3.2	-13.4	+0.8	34,774	29,298	42,954	34,485	64,072	63,335	
	Nondefense.....	26,805	25,836	28,727	26,549	+3.8	-10.1	+1.0	26,207	21,897	31,626	25,938	48,104	47,712	
	Defense.....	8,397	8,276	10,656	8,375	+1.5	-22.3	+0.3	8,567	7,401	11,328	8,547	15,968	15,623	
	Household durable goods industries.....	6,071	6,191	6,279	5,736	-1.9	-1.4	+5.8	6,002	5,326	5,571	5,669	11,328	10,497	

See footnotes at end of table 2.



Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC Code	Industry	(Millions of dollars)													
		Seasonally adjusted							Not seasonally adjusted <sup>1</sup>						
		Monthly				Percent change			Monthly				Year to date		
		Feb. 1987P	Jan. 1987P	Dec. 1986	Feb. 1986P	Jan.- Feb.P	Dec.- Jan.P	Feb.- 87/86	Feb. 1987P	Jan. 1987P	Dec. 1986	Feb. 1986	1987P	1986	
	All manufacturing industries	194,640	186,635	197,042	190,930	+4.3	-5.3	+1.9	199,111	176,432	192,786	194,896	375,543	377,228	
	Manufacturing industries with unfilled orders.....	104,729	99,533	108,964	104,839	+5.2	-8.7	-0.1	108,179	95,113	110,288	107,909	203,292	206,313	
	Durable goods industries.....	101,936	95,546	105,966	101,267	+6.7	-9.8	+0.7	105,720	90,761	104,345	104,578	196,481	200,344	
	With unfilled orders.....	80,546	75,567	85,238	83,024	+6.6	-11.3	-3.0	83,776	72,453	86,962	85,912	156,229	163,836	
32	Stone, clay, and glass products.....	5,048	4,953	4,716	4,661	+1.9	+5.0	+8.3	4,862	4,333	4,090	4,503	9,195	8,829	
33	Primary metals.....	8,266	7,333	9,180	9,134	+12.7	-20.1	-9.5	9,223	8,133	8,590	10,198	17,356	19,952	
331	Slayer furnaces, steel mills.....	3,416	2,862	3,977	3,900	+19.4	-28.0	-12.4	4,171	3,409	3,912	4,640	7,580	8,840	
332	Iron and steel foundries.....	786	762	953	942	+3.1	-20.0	-16.6	795	873	726	965	1,668	1,965	
333-9	Nonferrous and other primary metals.....	4,064	3,709	4,250	4,292	+9.6	-12.7	-5.3	4,257	3,851	3,952	4,593	8,108	9,147	
34	Fabricated metal products.....	11,555	10,847	11,724	11,369	+6.5	-7.5	+1.6	11,803	9,992	10,643	11,664	21,795	22,070	
35	Machinery, except electrical....	16,799	16,021	16,499	18,106	+4.9	-2.9	-7.2	17,364	13,695	17,554	18,430	31,059	32,458	
351	Engines and turbines.....	1,044	677	532	1,479	+54.2	+27.3	-29.4	1,051	492	400	1,491	1,543	2,512	
353	Construction, mining, and material handling equipment..	2,063	1,729	2,200	2,323	+19.3	-21.4	-11.2	2,065	1,539	2,130	2,323	3,604	4,486	
354	Metalworking machinery.....	697	762	707	702	-8.5	+7.8	-0.7	700	636	578	708	1,336	1,346	
357	Office and computing machines.	4,306	3,874	4,928	5,137	+11.2	-21.4	-16.2	4,426	2,467	6,769	5,042	6,893	7,076	
36	Electrical machinery.....	17,007	15,915	18,803	16,917	+6.9	-15.4	+0.5	17,671	14,925	19,602	17,466	32,596	33,008	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	2,246	2,083	2,081	2,033	+7.8	+0.1	+10.5	2,302	1,885	2,134	2,104	4,187	4,090	
363	Household appliances.....	1,570	1,413	1,398	1,267	+11.1	+1.1	+23.9	1,521	1,346	1,201	1,217	2,867	2,486	
365	Radio and TV.....	925	1,129	1,044	999	-18.1	+8.1	-7.4	890	1,041	1,011	969	1,931	1,795	
366	Communication equipment.....	4,984	5,101	6,245	6,158	-2.3	-18.3	-19.1	5,404	4,926	7,424	6,494	10,330	12,431	
367	Electronic components.....	3,909	2,949	4,705	3,571	+32.6	-37.3	+9.5	4,143	2,806	4,413	3,766	6,949	6,823	
364,9	Other electrical machinery....	3,373	3,240	3,330	2,889	+4.1	-2.7	+16.8	3,411	2,921	3,419	2,916	6,332	5,383	
37	Transportation equipment.....	27,239	24,213	29,500	26,462	+12.5	-17.9	+2.9	28,998	25,492	29,483	27,882	54,490	56,178	
372,6	Aircraft, missiles, and parts.	7,879	6,581	9,758	9,000	+19.7	-32.6	-12.5	7,881	7,838	12,686	8,855	15,719	19,329	
3731,95	Shipbuilding and military tank vehicles.....	295	41	585	469	+619.5	-93.0	-37.1	436	308	704	638	744	764	
38	Instruments and related products	5,061	5,183	5,109	4,895	-2.4	+1.4	+3.4	5,043	4,682	5,292	4,870	9,725	9,665	
381-4	Scientific and engineering instruments.....	3,286	3,507	3,399	3,224	-6.3	+3.2	+1.9	3,323	3,251	3,564	3,258	6,574	6,486	
24,25, 39	All other durable goods.....	10,961	11,081	10,435	9,723	-1.1	+6.2	+12.7	10,756	9,509	9,091	9,565	20,265	18,184	
	Nondurable goods industries.....	92,704	91,089	91,076	89,663	+1.8	0.0	+3.4	93,391	85,671	88,441	90,318	179,062	176,884	
	With unfilled orders.....	24,183	23,966	23,726	21,815	+0.9	+1.0	+10.9	24,403	22,660	23,326	21,997	47,063	42,477	
	Market categories:														
	Home goods and apparel.....	13,051	13,613	12,859	12,731	-4.1	+5.9	+2.5	13,401	11,848	10,720	13,100	25,249	24,511	
	Consumer staples.....	38,525	38,033	38,757	35,854	+1.3	-1.9	+7.4	38,354	35,369	39,082	35,703	73,723	69,115	
	Equipment and defense products, except automotive.....	29,062	27,233	32,246	31,079	+6.7	-15.5	-6.5	29,937	26,131	37,802	31,530	56,068	60,468	
	Automotive equipment.....	20,191	18,647	20,227	18,098	+8.3	-7.8	+11.6	21,672	18,284	16,974	19,361	39,956	38,109	
	Construction materials, supplies and intermediate products.....	16,543	15,424	15,377	14,646	+7.3	+0.3	+13.0	15,846	13,237	13,395	14,050	29,083	26,658	
	Other materials, supplies, and intermediate products.....	77,268	73,685	77,576	78,522	+4.9	-5.0	-1.6	79,901	71,563	74,813	81,152	151,464	158,367	
	Supplementary series: <sup>2</sup>														
	Capital goods industries.....	33,755	31,478	36,960	36,854	+7.2	-14.8	-8.4	34,772	30,010	42,750	37,422	64,782	70,574	
	Nondefense.....	26,807	26,778	29,312	27,645	+0.1	-8.6	-3.0	27,250	23,185	31,565	27,830	50,435	49,891	
	Defense.....	6,948	4,700	7,648	9,209	+47.8	-38.5	-24.6	7,522	6,825	11,185	9,592	14,347	20,683	
	Household durable goods industries.....	6,125	6,533	6,084	5,821	-6.2	+7.4	+5.2	6,088	5,741	5,343	5,780	11,829	11,114	

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<sup>1</sup> Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are, as of the end of the period and are not adjusted for trading-day or calendar-month variations.

<sup>2</sup> The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)												
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted <sup>1</sup>			
		End of month				Percent change			End of month			
		Feb. 1987P	Jan. 1987F	Dec. 1986	Feb. 1986F	Jan.- Feb.P	Dec.- Jan.F	Feb.- 87/86	Feb. 1987P	Jan. 1987F	Dec. 1986	Feb. 1986
	All manufacturing industries.....	369,424	370,526	373,849	376,395	-0.3	-0.9	-1.9	374,122	372,193	370,410	381,182
	Durable goods industries.....	357,523	358,971	362,745	365,839	-0.4	-1.0	-2.3	362,105	360,672	359,536	370,511
32	Stone, clay, and glass products.....	2,508	2,537	2,547	2,692	-1.1	-0.4	-6.8	2,575	2,466	2,430	2,761
33	Primary metals.....	16,667	16,778	17,447	17,464	-0.7	-3.8	-4.6	17,724	17,213	16,727	18,573
331	Blast furnaces, steel mills.....	8,729	8,773	9,228	8,415	-0.5	-4.9	+3.7	9,558	9,020	8,851	9,221
332	Iron and steel foundries.....	2,732	2,771	2,802	2,558	-1.4	-1.1	+6.8	2,757	2,802	2,676	2,584
333-9	Nonferrous and other primary metals.....	5,206	5,234	5,417	6,491	-0.5	-3.4	-19.8	5,409	5,391	5,200	6,768
34	Fabricated metal products.....	18,928	18,939	18,977	19,814	-0.1	-0.2	-4.5	18,916	18,659	18,697	19,797
35	Machinery, except electrical.....	54,752	54,816	55,525	61,248	-0.1	-1.3	-10.6	55,093	54,177	54,558	61,563
351	Engines and turbines.....	13,979	14,027	14,381	16,698	-0.3	-2.5	-16.3	13,961	14,053	14,505	16,678
353	Construction, mining, and material handling equipment.....	4,309	4,245	4,361	5,476	+1.5	-2.7	-21.3	4,374	4,258	4,335	5,559
354	Metalworking machinery.....	3,162	3,180	3,122	3,629	-0.6	+1.9	-12.9	3,083	3,102	3,055	3,543
357	Office and computing machines.....	18,525	18,773	19,446	20,644	-1.3	-3.5	-10.3	18,636	18,076	18,633	20,735
36	Electrical machinery.....	91,344	92,174	93,932	92,246	-0.9	-1.9	-1.0	91,721	91,909	92,570	92,638
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,424	5,420	5,415	5,861	+0.1	+0.1	-7.5	5,464	5,387	5,328	5,904
363	Household appliances.....	256	238	296	344	+7.6	-19.6	-25.6	245	242	263	329
365	Radio and TV.....	249	353	363	403	-29.5	-2.8	-38.2	249	353	363	403
366	Communication equipment.....	68,559	69,338	70,111	67,546	-1.1	-1.1	+1.5	69,020	69,375	69,286	68,032
367	Electronic components.....	15,082	15,068	16,024	16,458	+0.1	-6.0	-8.4	14,992	14,826	15,631	16,354
364,9	Other electrical machinery.....	1,774	1,757	1,723	1,634	+1.0	+2.0	+8.6	1,751	1,726	1,699	1,616
37	Transportation equipment.....	159,580	160,071	161,315	158,831	-0.3	-0.8	+0.5	162,553	162,855	161,789	161,838
372,6	Aircraft, missiles, and parts.....	137,705	137,580	138,180	136,051	+0.1	-0.4	+1.2	139,961	139,997	138,726	138,282
3731,95	Shipbuilding and military tank vehicles.....	16,181	16,767	17,378	16,651	-3.5	-3.5	-2.8	16,558	17,003	17,346	17,074
38	Instruments and related products.....	8,360	8,438	8,211	8,580	-0.9	+2.8	-2.6	8,359	8,418	8,175	8,579
381-4	Scientific and engineering instruments.....	7,526	7,629	7,404	7,540	-1.4	+3.0	-0.2	7,526	7,629	7,404	7,540
24,25, 39	All other durable goods.....	5,384	5,218	4,791	4,964	+3.2	+8.9	+8.5	5,164	4,975	4,590	4,762
	Nondurable goods industries.....	11,901	11,555	11,104	10,556	+3.0	+4.1	+12.7	12,017	11,521	10,874	10,671
	Market categories:											
	Home goods and apparel.....	4,122	3,950	3,501	3,999	+4.4	+12.8	+3.1	4,100	3,853	3,332	3,976
	Consumer staples.....	725	729	784	760	-0.5	-7.0	-4.6	791	790	763	828
	Equipment and defense products, except automotive.....	235,808	237,033	239,542	238,365	-0.5	-1.0	-1.1	239,087	238,848	237,987	241,685
	Automotive equipment.....	5,482	5,508	5,544	5,788	-0.5	-0.6	-5.3	5,822	5,639	5,504	6,141
	Construction materials, supplies and intermediate products.....	10,517	10,389	10,496	10,977	+1.2	-1.0	-4.2	10,479	10,050	10,088	10,929
	Other materials, supplies, and intermediate products.....	112,770	112,917	113,982	116,506	-0.1	-0.9	-3.2	113,843	113,013	112,736	117,623
	Supplementary series: <sup>2</sup>											
	Capital goods industries.....	286,589	288,036	290,672	291,587	-0.5	-0.9	-1.7	290,024	290,026	289,314	295,052
	Nondefense.....	129,010	129,008	128,067	130,578	0.0	+0.7	-1.2	129,351	128,308	127,020	130,903
	Defense.....	157,579	159,028	162,605	161,009	-0.9	-2.2	-2.1	160,673	161,718	162,294	164,149
	Household durable goods industries.....	3,486	3,432	3,090	3,430	+1.6	+11.1	+1.6	3,461	3,375	2,960	3,404

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)													
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted <sup>1</sup>				
		End of month				Percent change			End of month				
		Feb. 1987P	Jan. 1987P	Dec. 1986	Feb. 1986P	Jan.-Feb.P	Dec.-Jan.P	Feb.-87/86	Feb. 1987P	Jan. 1987P	Dec. 1986	Feb. 1986	
	All manufacturing industries.....	320,384	320,689	318,172	324,569	-0.1	+0.8	-1.3	320,867	318,669	313,697	325,177	
	Manufacturing industries with unfilled orders.....	217,530	218,201	216,545	220,906	-0.3	+0.8	-1.5	216,825	215,316	212,166	220,226	
	Durable goods industries.....	208,547	209,090	207,935	212,616	-0.3	+0.6	-1.9	208,666	206,933	204,025	212,758	
	With unfilled orders.....	191,496	192,215	191,132	195,503	-0.4	+0.6	-2.0	190,913	189,773	187,305	194,937	
32	Stone, clay, and glass products.....	7,035	7,189	6,961	7,021	-2.1	+3.3	+0.2	7,136	7,095	6,858	7,121	
33	Primary metals.....	16,778	17,225	17,294	19,396	-2.6	-0.4	-13.5	16,515	16,942	17,059	19,084	
331	Blast furnaces, steel mills.....	7,615	7,834	7,784	9,478	-2.8	+0.6	-19.7	7,371	7,635	7,772	9,177	
332	Iron and steel foundries.....	1,110	1,110	1,117	1,262	0.0	-0.6	-12.0	1,147	1,105	1,087	1,302	
333-9	Nonferrous and other primary metals.....	8,053	8,281	8,393	8,656	-2.8	-1.3	-7.0	7,997	8,202	8,200	8,605	
34	Fabricated metal products.....	21,333	21,373	21,207	21,998	-0.2	+0.8	-3.0	21,333	21,193	20,883	22,007	
35	Machinery, except electrical.....	41,337	41,418	41,650	44,988	-0.2	-0.6	-8.1	41,489	41,055	40,821	45,146	
351	Engines and turbines.....	2,799	2,788	2,856	2,759	+0.4	-2.4	+1.4	2,780	2,698	2,664	2,743	
353	Construction, mining, and material handling equipment.....	6,842	6,872	6,830	7,643	-0.4	+0.6	-10.5	6,876	6,834	6,782	7,683	
354	Metalworking machinery.....	3,006	2,967	2,952	3,073	+1.3	+0.5	-2.2	3,003	2,937	2,866	3,070	
357	Office and computing machines.....	9,734	9,787	9,865	11,863	-0.5	-0.8	-17.9	9,685	9,590	9,620	11,805	
36	Electrical machinery.....	39,179	39,049	38,774	38,260	+0.3	+0.7	+2.4	38,938	38,531	38,134	38,041	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,983	4,934	4,810	5,028	+1.0	+2.6	-0.9	4,976	4,897	4,735	5,023	
363	Household appliances.....	2,760	2,708	2,715	2,609	+1.9	-0.3	+5.8	2,793	2,669	2,555	2,639	
365	Radio and TV.....	1,797	1,737	1,635	1,410	+3.5	+6.2	+27.4	1,677	1,609	1,583	1,316	
366	Communication equipment.....	16,248	16,274	16,261	15,840	-0.2	+0.1	+2.6	16,202	16,165	16,116	15,787	
367	Electronic components.....	7,774	7,733	7,709	7,658	+0.5	+0.3	+1.5	7,735	7,681	7,699	7,624	
364,9	Other electrical machinery.....	5,617	5,663	5,644	5,715	-0.8	+0.3	-1.7	5,555	5,510	5,446	5,652	
37	Transportation equipment.....	53,338	53,373	52,638	52,052	-0.1	+1.4	+2.5	53,523	52,716	51,456	52,285	
371	Motor vehicles and parts.....	11,035	11,067	11,119	11,597	-0.3	-0.5	-4.8	11,315	11,183	11,147	11,891	
372,6	Aircraft, missiles, and parts.....	38,598	38,742	38,094	37,044	-0.4	+1.7	+4.2	38,448	37,946	36,832	36,935	
3731,95	Shipbuilding and military tank vehicles.....	2,006	1,993	1,921	1,709	+0.7	+3.7	+17.4	1,976	1,950	1,866	1,676	
38	Instruments and related products.....	12,658	12,615	12,620	12,575	+0.3	0.0	+0.7	12,536	12,391	12,242	12,455	
381-4	Scientific and engineering instruments.....	9,057	9,088	9,174	9,139	-0.3	-0.9	-0.9	8,994	8,950	8,970	9,076	
386	Photographic goods.....	3,000	2,941	2,865	2,874	+2.0	+2.7	+4.4	2,946	2,864	2,712	2,822	
24,25, 39	All other durable goods.....	16,889	16,848	16,791	16,326	+0.2	+0.3	+3.4	17,196	17,010	16,572	16,619	
	Nondurable goods industries.....	111,837	111,599	110,237	111,953	+0.2	+1.2	-0.1	112,201	111,736	109,672	112,419	
	With unfilled orders.....	26,034	25,986	25,413	25,403	+0.2	+2.3	+2.5	25,912	25,543	24,861	25,289	
20	Food and kindred products.....	23,687	23,792	23,575	23,388	-0.4	+0.9	+1.3	23,965	24,292	24,026	23,682	
202	Dairy products.....	2,046	2,026	1,996	1,782	+1.0	+1.5	+14.8	2,017	1,991	1,929	1,758	
208	Beverages.....	4,636	4,674	4,719	4,698	-0.8	-1.0	-1.3	4,747	4,711	4,686	4,814	
203-6,9	All other foods.....	13,973	14,108	13,859	13,778	-1.0	+1.8	+1.4	13,959	14,407	14,332	13,762	
21	Tobacco products.....	5,647	5,658	5,634	5,927	-0.2	+0.4	-4.7	5,975	6,051	5,923	6,271	
22	Textile mill products.....	6,782	6,755	6,506	7,042	+0.4	+3.8	-3.7	6,797	6,669	6,385	7,058	
221-4,6, 8,9	Broadwoven fabrics.....	3,804	3,837	3,705	4,205	-0.9	+3.6	-9.5	3,834	3,793	3,657	4,237	
26	Paper and allied products.....	10,630	10,555	10,429	9,932	+0.7	+1.2	+7.0	10,661	10,530	10,380	9,962	
261-3,6	Pulp, paper etc.....	4,142	4,098	4,115	3,934	+1.1	-0.4	+5.3	4,179	4,132	4,105	3,969	
265	Paperboard containers.....	2,697	2,657	2,542	2,435	+1.5	+4.5	+10.8	2,705	2,671	2,577	2,442	
264	All other paper products.....	3,791	3,800	3,772	3,563	-0.2	+0.7	+6.4	3,777	3,727	3,698	3,551	
28	Chemicals and allied products.....	27,327	27,286	27,021	25,609	+0.2	+1.0	+6.7	27,367	27,171	26,976	25,683	
281,6	Industrial chemicals, except pigments.....	8,195	8,179	8,233	7,834	+0.2	-0.7	+4.6	8,195	8,179	8,233	7,834	
283,4	Drugs, soaps, and toiletries.....	8,839	8,716	8,548	7,953	+1.4	+2.0	+11.1	8,724	8,554	8,376	7,851	
282,9	Other chemical products.....	6,558	6,522	6,414	5,916	+0.6	+1.7	+10.9	6,545	6,506	6,432	5,917	
29	Petroleum and coal products.....	10,163	9,968	9,844	12,477	+2.0	+1.3	-18.5	10,173	10,057	9,789	12,505	
30	Rubber and plastics products.....	8,666	8,660	8,630	8,767	+0.1	+0.3	-1.2	8,660	8,540	8,456	8,771	
23,27, 31	All other nondurable goods.....	18,935	18,925	18,598	18,811	+0.1	+1.8	+0.7	18,603	18,426	17,737	18,487	
	Market categories:												
	Home goods and apparel.....	25,522	25,339	24,904	24,342	+0.7	+1.7	+4.8	25,249	24,965	23,993	24,090	
	Consumer staples.....	41,556	41,637	41,098	40,508	-0.2	+1.3	+2.6	41,879	42,102	41,385	40,868	
	Equipment and defense products, except automotive.....	92,094	92,373	92,116	94,876	-0.3	+0.3	-2.9	92,277	91,527	90,286	95,052	
	Automotive equipment.....	13,470	13,382	13,392	14,188	+0.7	-0.1	-5.1	13,875	13,553	13,480	14,610	
	Construction materials, supplies and intermediate products.....	22,854	23,027	22,682	23,153	-0.8	+1.5	-1.3	23,141	22,851	22,399	23,435	
	Other materials, supplies, and intermediate products.....	124,888	124,931	123,980	127,502	0.0	+0.8	-2.1	124,446	123,671	122,154	127,122	
	Supplementary series: <sup>2</sup>												
	Capital goods industries.....	106,263	106,395	105,660	107,502	-0.1	+0.7	-1.2	106,018	104,856	103,075	107,288	
	Nondefense.....	72,020	72,231	71,787	76,031	-0.3	+0.6	-5.3	71,897	71,383	70,140	75,912	
	Defense.....	34,243	34,164	33,873	31,471	+0.2	+0.9	+8.8	34,121	33,473	32,935	31,376	
	Household durable goods industries.....	13,142	13,094	12,908	12,000	+0.4	+1.4	+9.5	13,080	12,911	12,484	11,959	

See footnotes at end of table 2.



Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)												
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted <sup>1</sup>			
		End of month				Percent change			End of month			
		Feb. 1987P	Jan. 1987P	Dec. 1986	Feb. 1986P	Jan.- Feb.P	Dec.- Jan.P	Feb.- 87/86	Feb. 1987P	Jan. 1987P	Dec. 1986	Feb. 1986
MATERIALS AND SUPPLIES												
	All manufacturing industries.....	102,236	102,574	100,962	103,720	-0.3	+1.6	-1.4	102,969	103,437	102,981	104,157
	Durable goods industries.....	59,445	59,817	57,692	61,025	-0.6	+3.7	-2.6	59,378	59,740	59,502	60,792
32	Stone, clay, and glass products.....	2,257	2,256	2,092	2,237	0.0	+7.8	+0.9	2,251	2,247	2,212	2,267
33	Primary metals.....	5,355	5,644	5,015	6,229	-5.1	+12.5	-14.0	5,263	5,636	5,775	6,112
34	Fabricated metal products.....	7,386	7,426	7,716	7,963	-0.5	-3.8	-7.2	7,327	7,383	7,334	7,907
35	Machinery, except electrical.....	11,689	11,697	11,904	12,460	-0.1	-1.7	-6.2	11,642	11,666	11,598	12,114
36	Electrical machinery.....	10,339	10,356	8,799	10,199	-0.2	+17.7	+1.4	10,369	10,294	10,103	10,233
37	Transportation equipment.....	12,044	12,094	12,508	12,016	-0.4	-3.3	+0.2	12,094	12,048	12,068	11,915
38	Instruments and related products.....	4,055	4,018	3,440	3,652	+0.9	+16.8	+11.0	4,044	4,009	3,967	3,983
24,25, 39	All other durable goods.....	6,320	6,326	6,218	6,269	-0.1	+1.7	+0.8	6,388	6,457	6,445	6,261
	Nondurable goods industries.....	42,791	42,757	43,270	42,695	+0.1	-1.2	+0.2	43,591	43,697	43,479	43,365
20	Food and kindred products.....	8,644	8,771	8,851	8,114	-1.4	-0.9	+6.5	8,965	9,183	9,018	8,435
21	Tobacco products.....	4,736	4,745	4,668	4,606	-0.2	+1.6	+2.8	4,999	5,117	5,167	5,167
22	Textile mill products.....	1,835	1,790	1,981	1,970	+2.5	-9.6	-6.9	1,860	1,768	1,768	1,996
26	Paper and allied products.....	5,461	5,348	5,117	5,118	+2.1	+4.5	+6.7	5,502	5,352	5,399	5,154
28	Chemicals and allied products.....	9,015	9,056	9,881	8,609	-0.5	-8.3	+4.7	8,978	9,086	9,064	8,587
29	Petroleum and coal products.....	3,074	3,003	3,002	4,055	+2.4	0.0	-24.2	3,077	2,994	3,084	3,829
30	Rubber and plastics products.....	3,248	3,240	3,034	3,086	+0.2	+6.8	+5.2	3,195	3,216	3,258	3,146
23,27, 31	All other nondurable goods.....	6,778	6,804	6,736	7,137	-0.4	+1.0	-5.0	7,015	6,981	6,721	7,051
WORK IN PROCESS												
	All manufacturing industries.....	113,351	113,298	116,006	115,644	0.0	-2.3	-2.0	113,251	111,699	109,708	115,445
	Durable goods industries.....	95,555	95,589	99,121	97,772	0.0	-3.6	-2.3	95,493	94,183	92,804	97,329
32	Stone, clay, and glass products.....	1,013	1,038	943	1,064	-2.4	+10.1	-4.8	1,048	1,035	975	1,094
33	Primary metals.....	6,573	6,609	7,488	7,113	-0.5	-11.7	-7.6	6,441	6,460	6,447	6,973
34	Fabricated metal products.....	7,622	7,475	7,816	7,544	+2.0	-4.4	+1.0	7,561	7,305	7,126	7,482
35	Machinery, except electrical.....	16,705	16,733	16,375	18,973	-0.2	+2.2	-12.0	16,853	16,539	16,703	19,317
36	Electrical machinery.....	20,069	20,034	22,909	19,662	+0.2	-12.5	+2.1	19,948	19,856	19,722	19,553
37	Transportation equipment.....	35,062	35,233	34,684	34,549	-0.5	+1.6	+1.5	35,171	34,645	33,589	34,355
38	Instruments and related products.....	4,905	4,933	5,169	5,249	-0.6	-4.6	-6.6	4,823	4,795	4,741	4,967
24,25, 39	All other durable goods.....	3,606	3,534	3,737	3,618	+2.0	-5.4	-0.3	3,648	3,548	3,501	3,588
	Nondurable goods industries.....	17,796	17,709	16,885	17,872	+0.5	+4.9	-0.4	17,758	17,516	16,904	18,116
20	Food and kindred products.....	2,422	2,403	1,725	2,477	+0.8	+39.3	-2.2	2,505	2,451	2,417	2,565
21	Tobacco products.....	153	131	593	481	+16.8	-77.9	-68.2	153	132	168	137
22	Textile mill products.....	2,114	2,207	1,948	2,035	-4.2	+13.3	+3.9	2,116	2,207	1,918	2,037
26	Paper and allied products.....	1,220	1,230	1,243	1,149	-0.8	-1.0	+6.2	1,196	1,214	1,194	1,129
28	Chemicals and allied products.....	4,170	4,172	4,017	3,921	0.0	+3.9	+6.4	4,136	4,078	3,862	3,896
29	Petroleum and coal products.....	2,050	1,950	1,333	2,214	+5.1	+46.3	-7.4	2,052	1,944	1,945	2,941
30	Rubber and plastics products.....	1,442	1,416	1,804	1,658	+1.8	-21.5	-13.0	1,431	1,418	1,460	1,395
23,27, 31	All other nondurable goods.....	4,225	4,200	4,222	3,937	+0.6	-0.5	+7.3	4,169	4,072	3,940	4,016
FINISHED GOODS												
	All manufacturing industries.....	104,797	104,817	101,204	105,205	0.0	+3.6	-0.4	104,647	103,533	101,008	105,575
	Durable goods industries.....	53,547	53,684	51,122	53,819	-0.3	+5.0	-0.5	53,795	53,010	51,719	54,637
32	Stone, clay, and glass products.....	3,765	3,895	3,926	3,720	-3.3	-0.8	+1.2	3,837	3,813	3,671	3,760
33	Primary metals.....	4,850	4,972	4,791	6,054	-2.5	+3.8	-19.9	4,811	4,846	4,837	5,999
34	Fabricated metal products.....	6,325	6,472	5,675	6,491	-2.3	+14.0	-2.6	6,445	6,505	6,423	6,618
35	Machinery, except electrical.....	12,943	12,988	13,371	13,555	-0.3	-2.9	-4.5	12,994	12,850	12,520	13,715
36	Electrical machinery.....	8,771	8,659	7,066	8,399	+1.3	+22.5	+4.4	8,621	8,381	8,309	8,255
37	Transportation equipment.....	6,232	6,046	5,446	5,487	+3.1	+11.0	+13.6	6,258	6,023	5,799	6,015
38	Instruments and related products.....	3,698	3,664	4,011	3,674	+0.9	-8.7	+0.7	3,669	3,587	3,534	3,505
24,25, 39	All other durable goods.....	6,963	6,988	6,836	6,439	-0.4	+2.2	+8.1	7,160	7,005	6,626	6,770
	Nondurable goods industries.....	51,250	51,133	50,082	51,386	+0.2	+2.1	-0.3	50,852	50,523	49,289	50,938
20	Food and kindred products.....	12,621	12,618	12,999	12,797	0.0	-2.9	-1.4	12,495	12,658	12,591	12,682
21	Tobacco products.....	758	782	373	840	-3.1	+109.7	-9.8	823	802	588	967
22	Textile mill products.....	2,833	2,758	2,577	3,037	+2.7	+7.0	-6.7	2,821	2,694	2,699	3,025
26	Paper and allied products.....	3,949	3,977	4,069	3,665	-0.7	-2.3	+7.7	3,963	3,964	3,787	3,679
28	Chemicals and allied products.....	14,142	14,058	13,123	13,079	+0.6	+7.1	+8.1	14,253	14,007	14,050	13,200
29	Petroleum and coal products.....	5,039	5,015	5,509	6,208	+0.5	-9.0	-18.8	5,044	5,119	4,760	5,735
30	Rubber and plastics products.....	3,976	4,004	3,792	4,023	-0.7	+5.6	-1.2	4,034	3,906	3,738	4,230
23,27, 31	All other nondurable goods.....	7,932	7,921	7,640	7,737	+0.1	+3.7	+2.5	7,419	7,373	7,076	7,420

<sup>P</sup>Preliminary. <sup>R</sup>Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio <sup>1</sup>			
		Feb. 1987P	Jan. 1987 <sup>r</sup>	Dec. 1986	Feb. 1986 <sup>r</sup>	Feb. 1987P	Jan. 1987 <sup>r</sup>	Dec. 1986	Feb. 1986 <sup>r</sup>
	All manufacturing industries.....	1.64	1.69	1.61	1.72	3.49	3.60	3.41	3.67
	Durable goods industries.....	2.02	2.11	1.95	2.15	4.36	4.52	4.22	4.53
32	Stone, clay, and glass products.....	1.39	1.45	1.45	1.50	0.54	0.56	0.59	0.63
33	Primary metals.....	2.00	2.15	2.08	2.20	1.99	2.10	2.10	1.98
34	Fabricated metal products.....	1.84	1.96	1.86	1.92	1.80	1.93	1.83	1.89
35	Machinery, except electrical.....	2.45	2.48	2.36	2.59	3.45	3.47	3.32	3.71
36	Electrical machinery.....	2.20	2.21	2.14	2.31	5.12	5.22	5.18	5.58
37	Transportation equipment.....	1.92	2.10	1.71	2.04	10.81	11.82	9.01	10.98
38	Instruments and related products.....	2.46	2.55	2.42	2.53	1.63	1.70	1.58	1.73
	Nondurable goods industries.....	1.21	1.23	1.21	1.25	0.50	0.49	0.47	0.49
20	Food and kindred products.....	0.88	0.88	0.88	0.92	(X)	(X)	(X)	(X)
21	Tobacco products.....	4.33	7.24	2.69	4.29	(X)	(X)	(X)	(X)
22	Textile mill products.....	1.46	1.49	1.40	1.57	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products.....	1.11	1.14	1.12	1.22	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products.....	1.58	1.59	1.61	1.54	(X)	(X)	(X)	(X)
29	Petroleum and coal products.....	0.97	1.00	1.00	0.99	(X)	(X)	(X)	(X)
30	Rubber and plastics products.....	1.30	1.37	1.41	1.46	(X)	(X)	(X)	(X)

P Preliminary. <sup>r</sup> Revised. (X) Not applicable. (NA) Not available.

<sup>1</sup> Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Feb. 1986	All Febs. 1982-1986	Feb. 1986-Jan. 1987	Year ago Feb. 1986	All Febs. 1982-1986	Feb. 1986-Jan. 1987	Year ago Feb. 1986	All Febs. 1982-1986	Feb. 1986-Jan. 1987	Year ago Feb. 1986	All Febs. 1982-1986	Feb. 1986-Jan. 1987
	All manufacturing industries.....	0.0	0.2	0.3	0.1	0.2	0.3	0.0	0.1	0.1	0.1	0.1	0.1
	Durable goods industries.....	0.4	0.4	0.4	0.6	0.7	0.6	0.1	0.1	0.1	0.1	0.1	0.1
32	Stone, clay, and glass products.....	0.5	0.7	1.2	0.5	1.3	1.4	0.1	1.8	0.8	0.2	0.4	0.4
33	Primary metals.....	1.7	0.6	0.5	0.2	0.8	0.4	0.8	0.6	0.3	0.1	0.2	0.3
34	Fabricated metal products.....	1.3	1.1	1.1	2.9	2.6	1.2	1.2	0.8	0.4	0.4	0.3	0.3
35	Machinery, except electrical.....	0.3	0.7	0.6	1.4	1.7	1.1	0.2	0.2	0.2	0.1	0.2	0.2
36	Electrical machinery.....	0.5	0.5	0.3	0.4	0.8	0.6	0.1	0.2	0.1	0.1	0.3	0.2
37	Transportation equipment.....	0.0	0.2	0.2	0.3	1.6	1.0	0.1	0.1	0.2	0.1	0.1	0.1
38	Instruments and related products.....	1.8	2.1	1.5	1.9	2.3	1.8	0.1	0.2	0.4	0.9	0.5	0.3
	Nondurable goods industries.....	0.4	0.2	0.3	0.5	0.2	0.4	0.1	0.5	0.5	0.2	0.2	0.2
20	Food and kindred products.....	0.7	0.8	0.3	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.2	0.2
21	Tobacco products.....	0.0	0.4	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.2	0.2
22	Textile mill products.....	0.6	0.9	1.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.6	0.6	0.8
26	Paper and allied products.....	0.1	0.5	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.0	0.3	0.4
28	Chemicals and allied product.....	0.5	0.6	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.4	0.3	0.4
29	Petroleum and coal products.....	1.2	0.8	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.8	0.6	0.7
30	Rubber and plastics products.....	1.2	1.6	1.0	(X)	(X)	(X)	(X)	(X)	(X)	1.8	1.3	0.6
	Capital goods industries:												
	Nondefense.....	0.1	0.8	0.4	0.5	1.4	0.7	0.1	0.1	0.1	0.0	0.1	0.1
	Defense.....	0.3	1.1	0.6	0.0	3.7	3.3	0.1	0.2	0.2	0.0	0.3	0.2

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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